

EQ(50) Modelling maleddep by OLS

The dataset is:Chornts.in7

The estimation sample is: 1983 - 2004

	Coefficient	Std.Error	HACSE	t-HACSE	t-prob	Part.R^2
maleddep_1	0.584520	0.1492	0.1770	3.30	0.0040	0.3773
Constant	0.0233078	0.01112	0.009023	2.58	0.0188	0.2704
chornblip	0.131305	0.02409	0.02229	5.89	0.0000	0.6585
chornlevel	0.0509580	0.02190	0.02323	2.19	0.0416	0.2109

sigma 0.0145062 RSS 0.00378773882

R^2 0.931535 F(3,18) = 81.64 [0.000]**

Adj.R^2 0.920125 log-likelihood 64.1207

no. of observations 22 no. of parameters 4

mean(maleddep) 0.166043 se(maleddep) 0.0513271

When the log-likelihood constant is NOT included:

AIC -8.30339 SC -8.10502

HQ -8.25666 FPE 0.000248690

When the log-likelihood constant is included:

AIC -5.46552 SC -5.26714

HQ -5.41878 FPE 0.00424749

Instability tests failed to compute.

This could be caused by the presence of dummy variables.

1-step (ex post) forecast analysis 2005 - 2010

Parameter constancy forecast tests:

Forecast Chi^2(6) = 35.673 [0.0000]**

Chow F(6,18) = 2.6894 [0.0482]*

AR 1-2 test: F(2,16) = 1.5201 [0.2487]

ARCH 1-1 test: F(1,20) = 0.51807 [0.4800]

Normality test: Chi^2(2) = 1.3714 [0.5037]

Hetero test: F(3,17) = 0.51972 [0.6744]

Hetero-X test: F(3,17) = 0.51972 [0.6744]

RESET23 test: F(2,16) = 0.86953 [0.4380]

maleddep = + 0.585*maleddep_1 + 0.0233 + 0.131*chornblip + 0.051*chornlevel
(SE) (0.149) (0.0111) (0.0241) (0.0219)